

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 6    | ("6577679" "6647061" "6671322").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |
| L2    | 1    | "10/044207"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |
| L3    | 1    | "10/603388"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |
| L4    | 10   | ("20010035994" "20010035997" "20020012152" "20020060827" "20020080898").PN.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |
| L5    | 3    | sequences with initial with state same (symbol) same (candidate same decision)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |
| L6    | 3    | sequences with initial with state same (symbol) same (candidate) same (decision)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |
| L7    | 3    | sequence\$5 with initial with state same (symbol) same (candidate) same (decision) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |
| L8    | 3    | sequences with initial with state same (symbol) same (candidate same decision)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 18:34 |

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|-----|-----|---|---|----|----|------------------|
| L9  | 256 | viterbi with high with rate                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L10 | 404 | viterbi with high near speed                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L11 | 4   | viterbi with high near speed with group               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L12 | 21  | group with initial with state and viterbi             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L13 | 84  | high with data with rate with viterbi                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L14 | 29  | high near data near rate with viterbi                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L15 | 0   | candidate with (each or all) near (initial adj state) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L16 | 0   | viterbi and "candidate adj path"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |

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| L17 | 145 | viterbi and candidate adj path   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L18 | 3   | viterbi and ((candidate adj path)<br>same (error near metric))                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L19 | 30  | (sequence with estimat\$3) with<br>(candidate with path)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L20 | 30  | (sequence with (estimat\$3 or<br>identificat\$3)) with (candidate with<br>path)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L21 | 6   | (sequence with (estimat\$3 or<br>identificat\$3)) with (candidate with<br>path) with select\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L22 | 2   | (sequence with (estimat\$3 or<br>identificat\$3)) with (candidate near<br>path) with select\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L23 | 2   | (sequence with (estimat\$3 or<br>identificat\$3)) with (candidate near<br>path) same select\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L24 | 4   | (sequence with (estimat\$3 or<br>identificat\$3)) with (candidate near<br>path) and select\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |

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| L25 | 3     | (sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or sequence)) and select\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L26 | 262   | (sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or sequence)) and select\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L27 | 24    | (sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or sequence)) same select\$3          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L28 | 8     | (sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or sequence)) with select\$3          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L29 | 38    | (sequence with (estimat\$3 or identify\$3)) with (candidate adj (path or sequence)) with select\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L30 | 14745 | (sequence with (estimat\$3 or identify\$3)) with (candidate adj (path or sequence)) with select\$3 viterbi     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L31 | 5     | (sequence with (estimat\$3 or identify\$3)) with (candidate adj (path or sequence)) with select\$3 and viterbi | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L32 | 0     | viterbi and raghupathy.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |

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|     |      |  |   |    |    |                  |
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| L33 | 98   | viterbi and liu.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L34 | 45   | viterbi and liu.in. and low with power                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L35 | 7    | viterbi and liu.in. and low with power and high with performance | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L36 | 2521 | 375/341  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L37 | 1551 | 375/262  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L38 | 683  | 714/794  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L39 | 1074 | 714/795  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L40 | 459  | 714/796  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |

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| L41 | 1606 | group with initial with state   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L42 | 8    | L36 and L41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L43 | 3    | L40 and L41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L44 | 5    | L39 and L41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L45 | 4    | L38 and L41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L46 | 6    | L37 and L41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L47 | 2    | "5917863".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |
| L48 | 4037 | sequences and initial with state and (symbol) and (decision) and (set or group) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 18:34 |

Application  
Number

IDS Flag Clearance for Application 10603388



| Content                               | Mailroom<br>Date | Entry<br>Number | IDS Review                            | Last<br>Modified         | Reviewer |
|---------------------------------------|------------------|-----------------|---------------------------------------|--------------------------|----------|
| M844                                  | 2003-10-27       | 13              | Y <input checked="" type="checkbox"/> | 2004-06-17<br>10:50:24.0 | mjones3  |
| <input type="button" value="Update"/> |                  |                 |                                       |                          |          |



# Continuity Information for 10/603388

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**Child Data**

PCT/US04/20376 is a continuation of 10603388

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# Inventor Information for 10/603388

| Inventor Name     | City      | State/Country |
|-------------------|-----------|---------------|
| HEGDE, RAJAMOHANA | CHAMPAIGN | ILLINOIS      |
| SINGER, ANDREW    | CHAMPAIGN | ILLINOIS      |
| JANOVETZ, JACOB   | CHAMPAIGN | ILLINOIS      |

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## Inventor Name Search Result

Your Search was:

Last Name = HEGDE

First Name = RAJAMOHANA

| Application#             | Patent#                 | Status | Date Filed | Title   | Inventor Name     |
|--------------------------|-------------------------|--------|------------|---|-------------------|
| <a href="#">10067640</a> | <a href="#">6600340</a> | 150    | 02/04/2002 | NOISE TOLERANT WIDE-FANIN<br>DOMINO CIRCUITS          | HEGDE, RAJAMOHANA |
| <a href="#">10603388</a> | Not<br>Issued           | 71     | 06/24/2003 | Method and apparatus for delayed<br>recursion decoder | HEGDE, RAJAMOHANA |

Inventor Search Completed: No Records to Display.

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| HEGDE            | RAJAMOHANA        | <input type="button" value="Search"/> |

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## Inventor Name Search Result

Your Search was:

Last Name = SINGER

First Name = ANDREW

| Application#             | Patent#                 | Status | Date Filed | Title   | Inventor Name     |
|--------------------------|-------------------------|--------|------------|---|-------------------|
| <a href="#">07461024</a> | <a href="#">5147308</a> | 150    | 01/04/1990 | SURGICAL NEEDLE AND STYLET WITH A GUARD   | SINGER, ANDREW    |
| <a href="#">08905039</a> | <a href="#">5897163</a> | 150    | 08/01/1997 | SUNTANNING APPARATUS  | SINGER, ANDREW    |
| <a href="#">09343088</a> | <a href="#">6239744</a> | 150    | 06/30/1999 | REMOTE TILT ANTENNA SYSTEM  | SINGER, ANDREW    |
| <a href="#">09817268</a> | <a href="#">6677896</a> | 150    | 03/27/2001 | REMOTE TILT ANTENNA SYSTEM  | SINGER, ANDREW    |
| <a href="#">10603388</a> | Not Issued              | 71     | 06/24/2003 | Method and apparatus for delayed recursion decoder  | SINGER, ANDREW    |
| <a href="#">10896345</a> | Not Issued              | 71     | 07/20/2004 | Foldable field transportable cart for small boats   | SINGER, ANDREW    |
| <a href="#">09640204</a> | <a href="#">7016440</a> | 150    | 08/16/2000 | ITERATIVE MMSE EQUALIZATION-DECODER SOFT INFORMATION EXCHANGE DECODING METHOD AND DEVICE                        | SINGER, ANDREW C. |
| <a href="#">09823628</a> | <a href="#">6940486</a> | 150    | 03/30/2001 | COMPUTERIZED INTERACTOR SYSTEMS AND METHODS FOR PROVIDING SAME  | SINGER, ANDREW J. |
| <a href="#">11061789</a> | Not Issued              | 20     | 02/18/2005 | Computerized interactor systems and methods for providing same  | SINGER, ANDREW J. |
| <a href="#">06247793</a> | Not Issued              | 161    | 03/26/1981 | ELECTRICAL CIRCUIT DESIGN AND TESTING DEVICE AND METHOD   | SINGER, ANDREW J. |
| <a href="#">08475349</a> | <a href="#">5711308</a> | 150    | 06/07/1995 | WEARABLE APPARATUS FOR MEASURING DISPLACEMENT OF AND IN VIVO TYMPANUM AND METHODS AND SYSTEMS FOR USE THEREWITH | SINGER, ANDREW J. |
| <a href="#">08477096</a> | <a href="#">5638832</a> | 150    | 06/07/1995 | PROGRAMMABLE SUBCUTANEOUS VISIBLE IMPLANT   | SINGER, ANDREW J. |
| <a href="#">08610638</a> | <a href="#">5889843</a> | 150    | 03/04/1996 | METHODS AND SYSTEMS FOR CREATING A SPATIAL AUDITORY ENVIRONMENT IN  | SINGER, ANDREW J. |

|                 |                |     |            |  |                        |
|-----------------|----------------|-----|------------|--|------------------------|
|                 |                |     |            | AN AUDIO CONFERENCE SYSTEM                                     |                        |
| <u>08692830</u> | Not Issued     | 168 | 07/29/1996 | COMPUTERIZED INTERACTOR SYSTEMS AND METHOD FOR PROVIDING SAME  | SINGER, ANDREW J.      |
| <u>08801085</u> | <u>6262711</u> | 150 | 02/14/1997 | COMPUTERIZED INTERACTOR SYSTEMS AND METHOD FOR PROVIDING SAME  | SINGER, ANDREW J.      |
| <u>60001875</u> | Not Issued     | 159 | 08/03/1995 | COMPUTERIZED INTERACTOR SYSTEMS AND METHODS FOR PROVIDING SAME | SINGER, ANDREW J.      |
| <u>60762542</u> | Not Issued     | 20  | 01/27/2006 | System for optimizing energy purchase decisions                | SINGER, ANDREW MARK    |
| <u>60152967</u> | Not Issued     | 159 | 09/09/1999 | MICCHANICAL DEVISE TO ASSIST IN THE APPLICATION OF A CONDOM    | SINGER, ANDREW MICHAEL |

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**Inventor Name Search Result**

Your Search was:

Last Name = JANOVELTZ

First Name = JACOB

| Application#             | Patent#    | Status | Date Filed | Title  | Inventor Name    |
|--------------------------|------------|--------|------------|--|------------------|
| <a href="#">10603388</a> | Not Issued | 71     | 06/24/2003 | Method and apparatus for delayed recursion decoder | JANOVELTZ, JACOB |

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## Correspondence Address for 10/603388

| Customer Number | Contact Information   | Address   |
|-----------------|---|---|
| No Customer #   | Telephone: No Telephone #<br>Fax: No Fax #<br>E-Mail: No E-Mail Address | Robert J. Irvine III<br>McDonnell Boehnen Hulbert & Berghoff<br>32nd Floor<br>300 S. Wacker Drive<br>Chicago IL 60606 |

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